

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	486	(548/194).CCLS.	USPAT; DERWENT	OR	OFF	2007/08/08 11:53
L2	6	(("6919361") or ("6300337") or ("6867214")).PN.	USPAT; DERWENT	OR	OFF	2007/08/08 11:55
L3	3	("20050267148").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/08 11:56

08/08/2007,10561970c.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

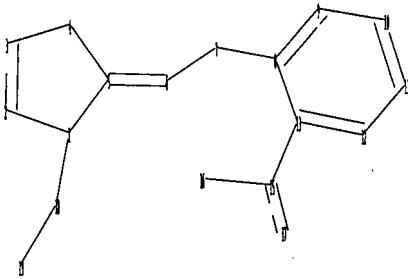
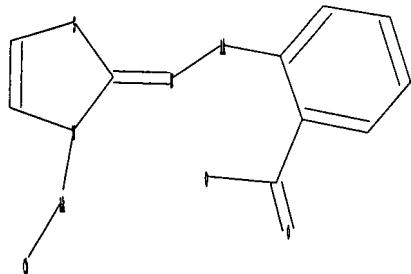
LOGINID:SSPTASXY1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 10:40:05 ON 08 AUG 2007
FILE 'REGISTRY' ENTERED AT 10:40:05 ON 08 AUG 2007
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	172.10	172.31

=>
Uploading C:\Program Files\Stnexp\Queries\10561970c.str



chain nodes :
6 7 15 16 17 18 19
ring nodes :
1 2 3 4 5 8 9 10 11 12 13
chain bonds :
1-18 5-6 6-7 7-8 13-15 15-16 15-17 18-19
ring bonds :
1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 1-18 5-6 6-7 7-8 15-16 15-17 18-19
exact bonds :
2-3 3-4 4-5 13-15
normalized bonds :
8-9 8-13 9-10 10-11 11-12 12-13
isolated ring systems :
containing 1 : 8 :

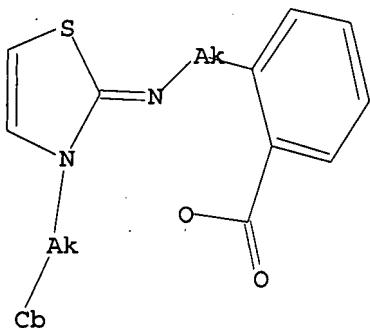
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom

L4 STRUCTURE UPLOADED

Young, Shawquia, Page 1

08/08/2007,10561970c.trn

=> d 14
L4 HAS NO ANSWERS
L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14
SAMPLE SEARCH INITIATED 10:40:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 22620 TO ITERATE

8.8% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 443399 TO 461401
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s 14 full
FULL SEARCH INITIATED 10:40:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 451963 TO ITERATE

100.0% PROCESSED 451963 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.13

L6 8 SEA SSS FUL L4

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
SESSION
FULL ESTIMATED COST 344.20 344.41

FILE 'HCAPLUS' ENTERED AT 10:40:52 ON 08 AUG 2007
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FILE COVERS 1907 - 8 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 7 Aug 2007 (20070807/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s ;6
ENTER LOGIC EXPRESSION, QUERY NAME, OR (END):end
SEARCH ENDED BY USER

6 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (>).

=> s 16
L7 1 L6
=> d ed abs ibib hitstr tot

L7 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2007 ACS on STN
 RD Entered STN: 07 Jan 2005
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I ($X = O, S$; R₁, R₂ = -Y₁-Z, etc.; Y₁ = single bond, (un)substituted alkylene, etc.; Y₂ = (un)substituted alkylene, etc.; Z = (un)saturated monocyclic group, etc.; M = CO₂R₁, etc.; R₃₁ = H, (un)substituted alkyl, etc.; Q completes an (hetero)aromatic ring together with C-C described in I; A = (un)saturated monocyclic group, etc.) were prepared.

For example, 2-(methoxycarbonylbenzene)sulfonyl of 5-methyl-3-(1-naphthalenylmethyl)-1-thiazol-2(3H)-imine followed by hydrolysis afforded compound (2)-II in 49.5% overall yield. In chymase inhibition assays (in vitro), the IC₅₀ value of compound (2)-II was 2.1 nM.

Compds. I are claimed useful for the treatment of hypertension, arteriosclerosis, etc.

ACCESSION NUMBER: 200514382 HCPLUS

DOCUMENT NUMBER: 142:114049

TITLE: Preparation of thiazolimines and related compounds as chymase inhibitors

INVENTOR(S): Yamaguchi, Hiroki

PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan,

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIKXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

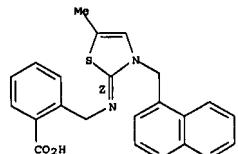
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005000825	A1	20050106	WO 2004-JP9249	20040623
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KB, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MO, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SL, SZ, T2, UG, ZM, ZW, RW, BW, GH, GM, KB, LS, MW, NA, SD, SL, SZ, T2, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, PR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1640369	A1	20060329	EP 2004-746718	20040623
R: AT, BE, CH, DB, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 2007105908	A1	20070510	US 2005-561970	20051222
PRIORITY APPLN. INFO.:			JP 2003-184321	A 20030627

L7 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 820230-73-7 HCPLUS

CN Benzoic acid, 2-[(2)-[5-methyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]methyl - (9CI) (CA INDEX NAME)

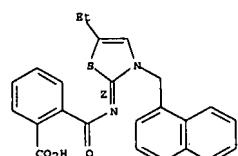
Double bond geometry as shown.



RN 820230-76-0 HCPLUS

CN Benzoic acid, 2-[(2)-[5-ethyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl - (9CI) (CA INDEX NAME)

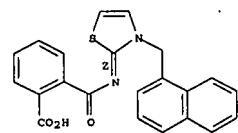
Double bond geometry as shown.



RN 820230-83-9 HCPLUS

CN Benzoic acid, 2-[(2)-[3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl - (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 820230-88-4P 820230-89-5P 820230-96-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

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L7 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2007 ACS on STN (Continued)
 WO 2004-JP9249 W 20040623

OTHER SOURCE(S): MARPAT 142:114049

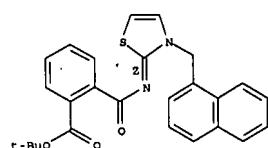
IT 820230-82-8P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of thiazolimines and related compds. as chymase inhibitors for treatment of hypertension, arteriosclerosis, etc.)

RN 820230-82-8 HCPLUS

CN Benzoic acid, 2-[(2)-[3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl -, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 820230-72-6P 820230-73-7P 820230-76-0P

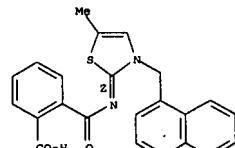
IT 820230-83-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thiazolimines and related compds. as chymase inhibitors for treatment of hypertension, arteriosclerosis, etc.)

RN 820230-72-6 HCPLUS

CN Benzoic acid, 2-[(2)-[5-methyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl - (9CI) (CA INDEX NAME)

Double bond geometry as shown.

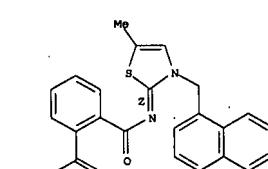


L7 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (prepn. of thiazolimines and related compds. as chymase inhibitors for treatment of hypertension, arteriosclerosis, etc.)

RN 820230-88-4 HCPLUS

CN Benzoic acid, 2-[(2)-[5-methyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl -, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

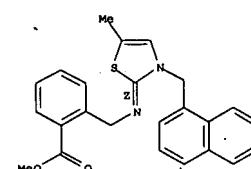
Double bond geometry as shown.



RN 820230-89-5 HCPLUS

CN Benzoic acid, 2-[(2)-[5-methyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]methyl -, methyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



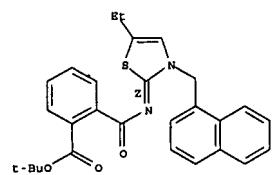
RN 820230-96-4 HCPLUS

CN Benzoic acid, 2-[(2)-[5-ethyl-3-(1-naphthalenylmethyl)-2(3H)-thiazolylidene]amino]carbonyl -, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

08/08/2007,10561970c.trn

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

08/08/2007,10561970c.trn

=> log h
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.87	352.28
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:41:24 ON 08 AUG 2007

08/08/2007,10561970d.trn

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASXY1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HCAPLUS' AT 10:42:53 ON 08 AUG 2007
FILE 'HCAPLUS' ENTERED AT 10:42:53 ON 08 AUG 2007
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.87	352.28

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

=> file reg COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.87	352.28

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

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STRUCTURE FILE UPDATES: 7 AUG 2007 HIGHEST RN 944239-85-4
DICTIONARY FILE UPDATES: 7 AUG 2007 HIGHEST RN 944239-85-4

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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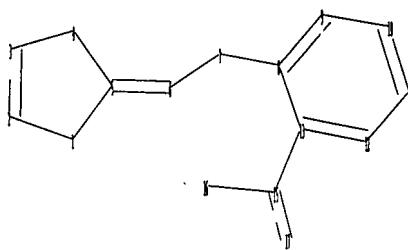
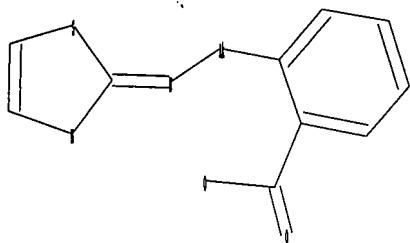
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10561970d.str

Young, Shawquia, Page 1

08/08/2007,10561970d.trn



chain nodes :

6 7 15 16 17

ring nodes :

1 2 3 4 5 8 9 10 11 12 13

chain bonds :

5-6 6-7 7-8 13-15 15-16 15-17

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-5 5-6 6-7 7-8 15-16 15-17

exact bonds :

2-3 3-4 4-5 13-15

normalized bonds :

8-9 8-13 9-10 10-11 11-12 12-13

isolated ring systems :

containing 1 : 8 :

Match level :

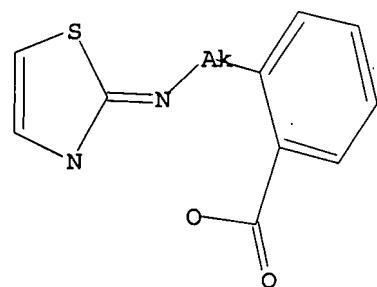
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 15:CLASS 16:CLASS 17:CLASS

L8 STRUCTURE UPLOADED

=> d 18

L8 HAS NO ANSWERS

L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 18

SAMPLE SEARCH INITIATED 10:43:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 22620 TO ITERATE

08/08/2007,10561970d.trn

8.8% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 443399 TO 461401
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s 18 full
FULL SEARCH INITIATED 10:43:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 451963 TO ITERATE

100.0% PROCESSED 451963 ITERATIONS
SEARCH TIME: 00.00.13

230 ANSWERS

L10 230 SEA SSS FUL L8

=> file hcplus			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	172.10	524.38	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-0.78	

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FILE COVERS 1907 - 8 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 7 Aug 2007 (20070807/ED)

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=> s 110
L11 34 L10
=> d ed abs ibib hitstr tot